

In the Claims

1. (currently amended) A phase change ink composition comprising:
a non-polymeric urethane that is the reaction product of one or more alcohols and one or more isocyanates, the alcohols comprising monohydric fused-ring alcohols; and
at least one polyethylene wax.
2. (original) The phase change ink composition of claim 1 wherein the isocyanates comprise isophorone diisocyanate.
3. (currently amended) The phase change ink composition of claim 1 wherein the monohydric fused-ring alcohols include one or more compound selected from a group consisting of hydroabietyl alcohol, methyl ester of hydrogenated rosin, and decarboxylated rosin.
4. (currently amended) The phase change ink composition of claim 1 wherein the monohydric fused-ring alcohols include one or more compound selected from a group consisting of hydroabietyl alcohol, methyl ester of hydrogenated rosin, and decarboxylated rosin; and the isocyanates comprise isophorone diisocyanate.

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5. (currently amended) The phase change ink composition of claim 1 wherein the alcohols consist of one or more compound selected from a group consisting of hydroabietyl alcohol, methyl ester of hydrogenated rosin, and decarboxylated rosin; and the isocyanates consist of isophorone diisocyanate.

6. (original) A phase change ink composition comprising:
a urethane resin that is the reaction product of one or more alcohols and one or more isocyanates, the alcohols comprising fused-ring alcohols which include at least three fused rings.

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7. (original) The phase change ink composition of claim 6 wherein the fused-ring alcohols consist of monohydric alcohols.

8. (original) The phase change ink composition of claim 6 wherein the fused-ring alcohols which include at least three fused rings consist of monohydric alcohols.

9. (currently amended) The phase change ink composition of claim 6 wherein the fused-ring alcohols include one or more compound selected from a group consisting of hydroabietyl alcohol, methyl ester of hydrogenated rosin, and decarboxylated rosin.

10. (currently amended) The phase change ink composition of claim 6 wherein the fused-ring alcohols include one or more compound selected from a group consisting of hydroabietyl alcohol, methyl ester of hydrogenated rosin, and decarboxylated rosin; and the isocyanates comprise isophorone diisocyanate.

11. (currently amended) The phase change ink composition of claim 6 wherein the alcohols consist of one or more compound selected from a group consisting of hydroabietyl alcohol, methyl ester of hydrogenated rosin; and decarboxylated rosin and the isocyanates consist of isophorone diisocyanate.

12. (original) A phase change ink composition comprising:
a urethane resin that is the reaction product of one or more alcohols and one or more isocyanates, the alcohols comprising monohydric fused-ring alcohols having no double bonds.

13. (original) The phase change ink composition of claim 12 further comprising a polyethylene wax.

14. (original) The phase change ink composition of claim 12 further comprising a polyethylene wax and a mono-amide.

15. (original) The phase change ink composition of claim 12 wherein the monohydric fused-ring alcohols include alcohols having at least three fused rings.

16. (currently amended) A phase change ink comprising:
a non-polymeric urethane that is the reaction product of one or more alcohols and one or more isocyanates, the alcohols comprising monohydric fused-ring alcohols;
at least one polyethylene wax; and
a colorant.

17. (currently amended) The phase change ink of claim 16 wherein the monohydric fused-ring alcohols include one or more compound selected from a group consisting of hydroabietyl alcohol, methyl ester of hydrogenated rosin, and decarboxylated rosin.

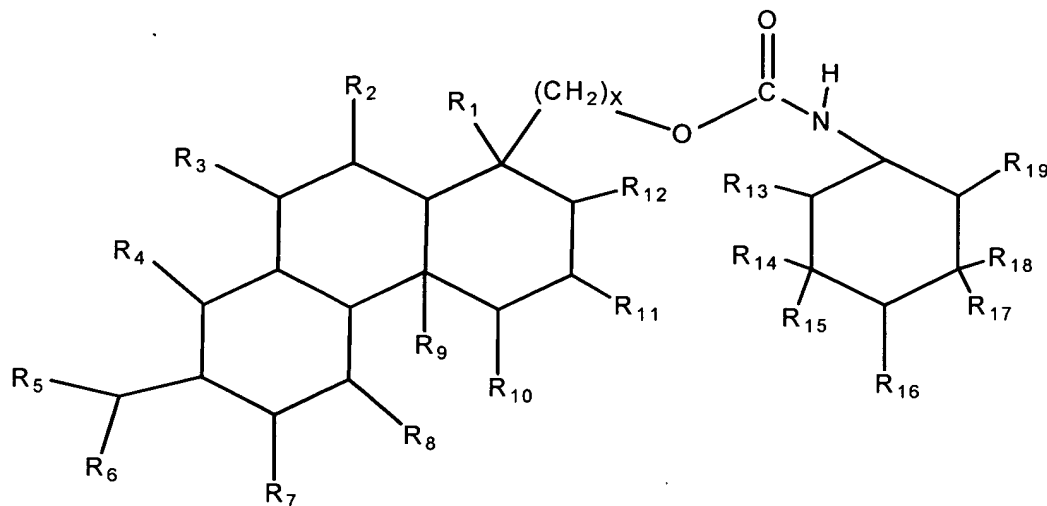
18. (currently amended) The phase change ink composition of claim 16 wherein the monohydric fused-ring alcohols include one or more compound selected from a group consisting of hydroabietyl alcohol, methyl ester of hydrogenated rosin, and decarboxylated rosin; and the isocyanates comprise isophorone diisocyanate.

19. (currently amended) The phase change ink composition of claim 16 wherein the alcohols consist of one or more compound selected from a group consisting of hydroabietyl alcohol, methyl ester of hydrogenated rosin, and decarboxylated rosin; and the isocyanates consist of isophorone diisocyanate.

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20. (currently amended) The phase change ink composition of claim 16 wherein the alcohols consist of one or more compound selected from a group consisting of hydroabietyl alcohol, methyl ester of hydrogenated rosin, and decarboxylated rosin; and the isocyanates consist of isophorone diisocyanate; the ink further comprising a mono-amide.

Claims 21-38 (cancelled)

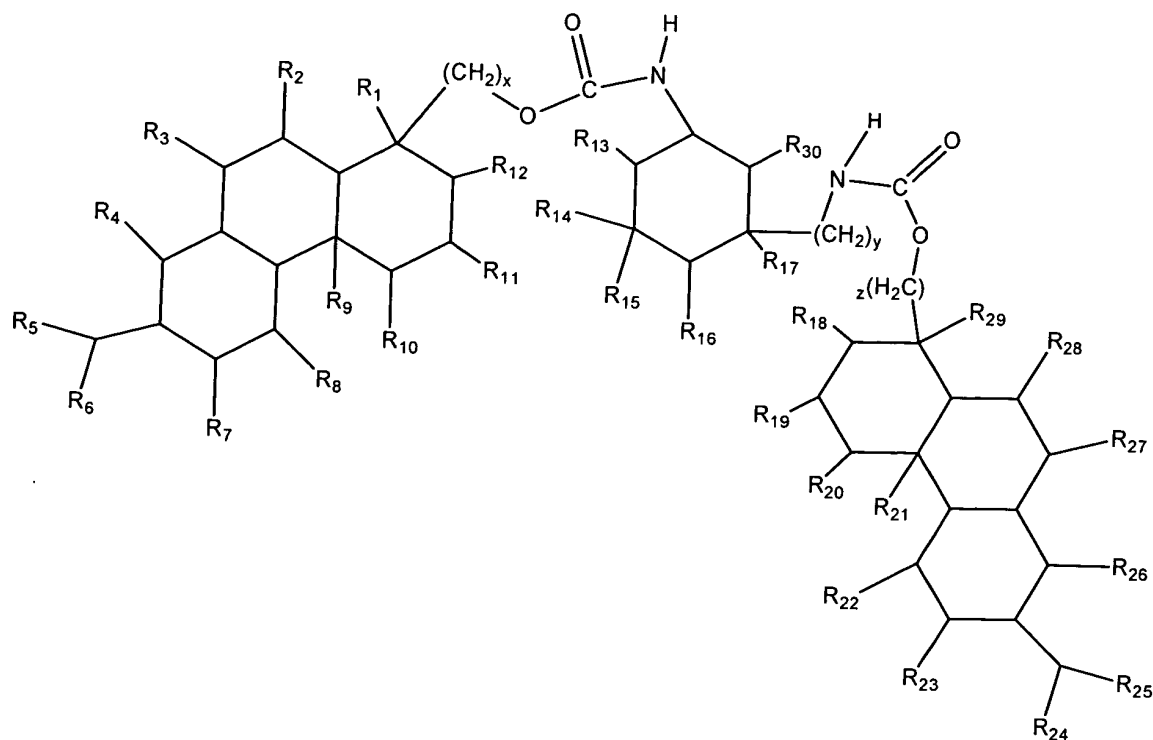
39. (currently amended) A phase change ink comprising:



wherein each of R₁-R₁₉ comprise are independently selected from among hydrogen, alkyl groups, and ~~or~~ aryl groups, and can be ~~are the same as one another or different from one another~~; wherein one or more of R₁-R₁₉ ~~can be comprised~~ are included by a ring structure; and wherein ~~X₁ comprises~~ (CH₂)_x denotes one or more methylene groups.

40. (original) The phase change ink of claim 39 wherein some of R₁-R₃₀ are methyl groups and some of R₁-R₃₀ are not methyl groups, and wherein at least some of the R₁-R₃₀ which are not methyl groups are hydrogen.

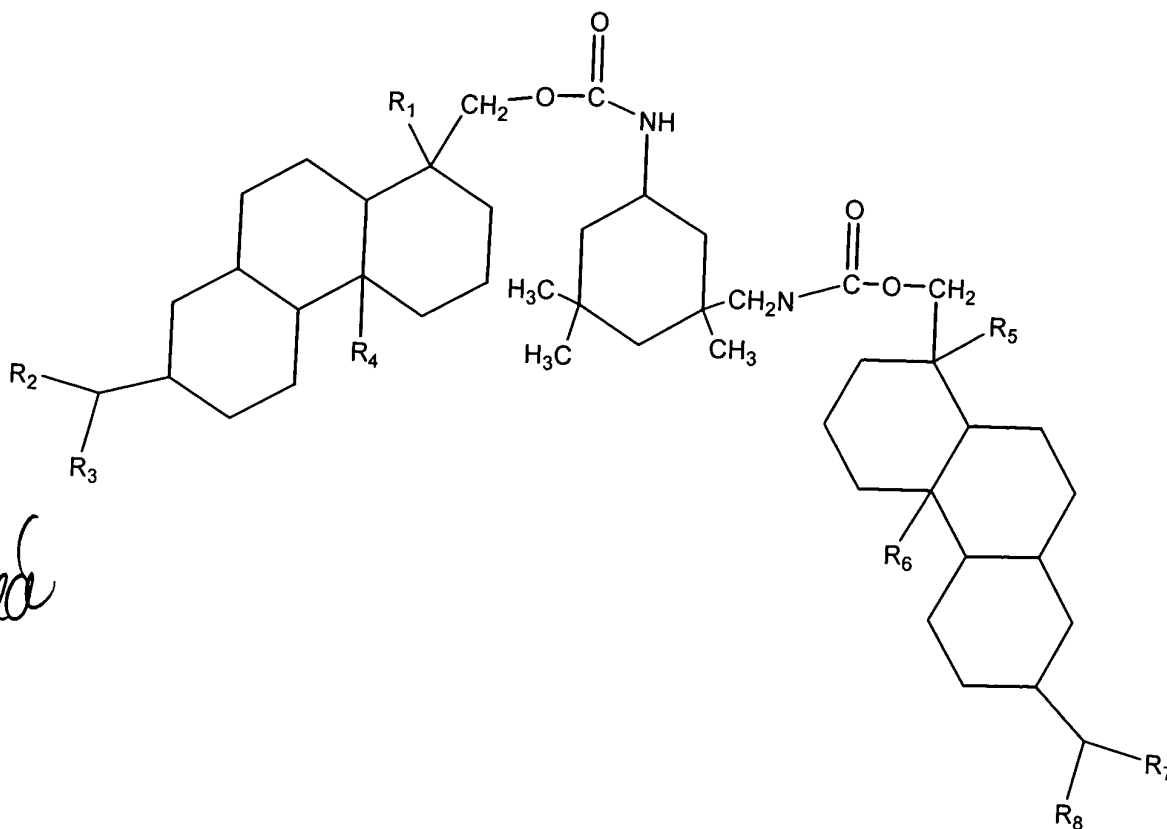
41. (currently amended) A phase change ink comprising:



wherein each of R_1 - R_{30} comprise are independently selected from among hydrogen, alkyl groups, and or aryl groups, and can be the same as one another or different from one another; and wherein X_1 , X_2 and X_3 comprise each of $(CH_2)_x$, $(CH_2)_y$, and $(CH_2)_z$ independently denote one or more methylene groups and can be the same as one another or different from one another.

42. (original) The phase change ink of claim 41 wherein at least some of R_1 - R_{30} are methyl groups and some of R_1 - R_{30} are not methyl groups, and wherein at least some of the R_1 - R_{30} which are not methyl groups are hydrogen.

43. (currently amended) A phase change ink comprising:



wherein each of R₁, R₂, R₃, R₄, R₅, R₆, R₇ and R₈ comprise are independently selected from among hydrogen, alkyl groups, and or aryl groups.

44. (original) The phase change ink of claim 43 wherein R₁, R₂, R₃, R₄, R₅, R₆, R₇ and R₈ are methyl groups.